

## IX.4.5B-FCPARAM FORECAST COMPONENT DATA BASE FILE FCPARAM

### Purpose

File FCPARAM holds the parameter values needed by the Forecast Component.

This includes the P [[Hyperlink](#)], T, [[Hyperlink](#)] and TS [[Hyperlink](#)] array contents for each Segment.

### Description

ATTRIBUTES: fixed length 400 byte binary records

NUMBER OF RECORDS: defined by MAXRP in file FCSEGPTR [[Hyperlink](#)]

RECORD STRUCTURE:

The first record for a Segment is defined by IPREC in the entry in file FCSEGSTS for that Segment.

The number of words (NWORD) used by a Segment can be computed as follows:

$$NWORD=2+NP+NT+NTS$$

where NP, NT and NTS are also found in file FCSEGSTS

The number of records (NREC) used by a Segment can be computed as follows:

$$NREC=(NWORD+LRECL-1)/LRECL$$

where LRECL is the record length in words

These parameter values for a Segment always begin in a new record.

The 'conceptual' record for each Segment is as follows:

<u>Variable</u>	<u>Type</u>	<u>Dimension</u>	<u>Word Position</u>	<u>Description</u>
IDSEG	A8	1	1	Segment name
P	R*4	NP	3	P array
T	I*4	NT	3+NP	T array
TS	R*4	NTS	3+NP+NT	TS array